

ABSTRACT

A thermic module for a self-heating container. The container includes a bottom end with a cavity having internal walls formed therein for receiving the thermic module. The thermic module will be comprised of a first cup having plastic walls and containing a first chemical reactant. The module will also include a second cup containing a second chemical reactant and a dividing wall positioned between the first and second cups such that the first and second chemical reactants cannot mix. An end cap will be positioned below the second cup and will retain the second chemical reactant within the second cup. An actuator for puncturing the dividing wall will be positioned between the end cap and the dividing wall. Finally, the walls of the first cup are formed of a plastic of sufficient thinness and having a sufficiently low Vicat Softening Point such that the plastic walls will expand into contact with the internal walls of the container cavity upon mixing of the first and second chemical reactants.

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